Contents	Reference to last Measurement
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209565

Final Bill

..... From..... To.....

Name of Contractor or nature of Agency ...Executive Engineer, K.R.I.D.L., Bhadradri

Date of commencement of work ....D.D.R.....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Name of work: Improvements to Roads and Drains at Mariyamma Block and surrounding area in ward No. 11 Kvp.						
Est cost Rs: 99.00 lakhs.						
Job code No: 011-00-00005						
Head of A/c: P3707						
Work order No: BBNP/EE/BTP/001/IHH/2019-20 Dt: 08/11/2019.						
1) Earthwork excavation by manual means for roads, drains and similar works in ordinary soil excavated surface levelled and sides neatly trimmed etc.—						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	Quantity vide E MB P.No				541.70 cum		
					@ 999.00/cum	= 11945	
Item No 8)	Removing and refixing stone slabs of drains and pointing in CM(1:3) and as per the directions etc—						
	Quantity vide E MB P.No =				= 916.72 sqm		
					@ 111.30/sqm	= 2431	
item 3)	Providing granite slabs of selected quality having grey coloured shade of a size of 2.5cms thick and fixed in cement mortar (1:6) including fixing curing etc—						

BOOK

Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		541.70 cum	
		@ 207.60/cum	= 1124560/-
		s and pointing in CM(1:3)	
		= 916.72 sqm	
		@ 111.30/sqm	= 101981.00/-
		) roughly dressed hard stone	
		cement mortar (1:6) including	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
209566

Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Excavating trench @ MB P.No				168.55 sqm		
				@ 407.1/sqm	= 68917.00/-	
providing and laying in position plain cement concrete of mix 1:4:8 with spec @ 1500kgs. with 40mm and down size graded granite metal coarse aggregate etc.---						
Excavating trench @ MB P.No:				= 397.17 cum		
				@ 5408.10/cum =	2147963.00/-	
providing and constructing load bearing wall with solid concrete blocks masonry in cement mortar (1:6) with 1500kg/m3 etc ---						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide ∈ MB P.NO:			= 0.05 Cum		313.04 Sqm	
				@		@1019.78/Sqm = 319	
item 6)	providing and laying in position plain cement concrete of mix 1:2:4 with OPC @ 320kgs. with 40mm and down size gravel mixed coarse etc.						
	Quantity vide ∈ MB P.NO			= 91.05 cum			
				@ 5747.30/cum : 1			
item 7)	providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm and down size etc.						
	Quantity vide ∈ MB P.NO			= 57.99 cum			
				@ 5505.64/cum = 3			

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
05	Cums	313.04 Sqm	
		@ 1019.78/Sqm = 319013.00/-	
		concrete of min C.C 1:2:4 with	
		gravel metal cum etc --	
05		cum	
		5747.30/cum : 180970.00/-	
up		concrete of min M 25	
01		down size etc --	
		59.99 cum	
		@ 5505.64/cum = 315300.00/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B
209567

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
providing laying plain/reinforced cement concrete for slab, beams using M.S nominal mix concrete with OPC at 300 kgs. with down and down size granite metal coarse aggregate at 0.69 cum etc --						
Quantity mixed @ MB P.No 7				181.30 cum		
				@ 7070.00/cum =		85 8070.00/-
providing T.M.T bars Fe 500 steel reinforcement for RCC work including straightening, cutting, bending, hooking, placing in position, lapping or welding wherever necessary etc --						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity vide ∈ MB P.NO :				= 7.89	TONN	
					@ 72306.98/TONN = 570564.9		
item 10)	Providing and fixing pre cast covering slab made out of CC1:2:4 with 10cm thick and finishing curing. including form work curing etc						
	Quantity vide ∈ MB P.NO :				= 73.76 SQM		
					@ 23370/SQM = 1721796.02		
item 11)	Dismantling of cement concrete pavement by mechanical means using Pneumatic tools, breaking to pieces not exceeding 0.06cum in volume in						
	Quantity vide ∈ MB P.NO :				= 215.45 CUM		
					@ 1044.74/CUM = 225		

BOOK

ons		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
= 7.89		Tonn	
@ 7933	6.98/Tonn = 570564.00/-		
mpole out of CC1:2:4 with			
ing form work curing etc --			
= 736.76 Sqm			
@ 933.70/Sqm = 1281796.00/-			
Mechanical means by ring			
loading			
= 0.06cum in volume etc.			
815.45 cum			
@ 1088.74/cum = 887350.00/-			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209568

..... From..... To.....

...ractor of nature of Agency .....

...mencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
...fying bituminous course 50 mm to 75mm thick along with premix carpet/ surface dressing by road roller attached with scarifier etc --						
Quantity vide E MB P.No :					= 975.74 Sqm @ 41.34/Sqm = 40361.00/-	
...cavation for road work in all types of soil by mechanical means including cutting and loading to tipper, trimming bottom and slopes in accordance with requirement of site etc -						
Quantity vide E MB P.No :					349.59 cum @ 56.86/cum = 19868.00/-	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
[illegible]	Cement concrete pavement, construction of un-reinforced plain cement concrete pavement using a grade concrete M30 over a prepared base with ope coarse aggregate @ 0.69 cum fine aggregate @@ --						
	Quantity vide @ MB P. NO:					= 349.59 cum	
						@ Sd 10.96/cum =	18,01,679
						Sub Total Amount Rs =	83,60,54[illegible]
						Add KKIDL @ 4% =	3,34,48[illegible]
						GST @ 12% =	10,03,96[illegible]
						Grand Total Amount =	96,98,23[illegible]

OK

Depth 6	Contents 7	Reference to last Measurement 8
reinforced plain cmt over a prepared m fine aggregate etc --		
349.59 cum		
Sd 10.96/cum =		1801679.00
Amount Rs =		83,60,545.00
L cmt. =		3,34,422.00
=		10,03,966.00
Amt =		96,98,236.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209569

..... From..... To.....

Contractor of nature of Agency .....

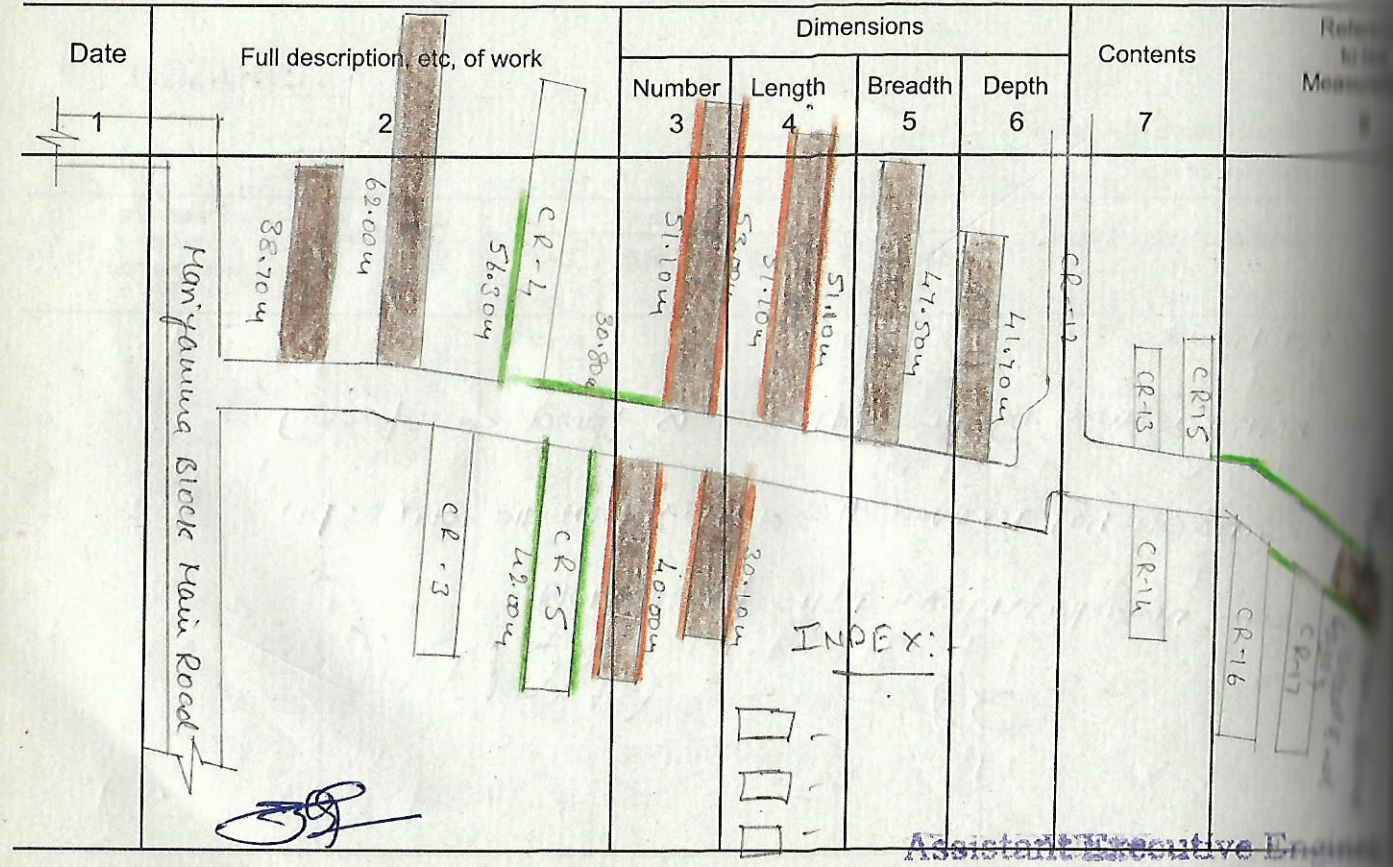
Commencement of work .....

Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
	Number 3	Length 4	Breadth 5	Depth 6		
Certificate:						
The work executed by the contractor is found satisfactory						
The contractor has removed the debris from the work spot						
Therefore no departmental issue for this work						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Ref. to M.
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	



Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

M. A. R. 57 (Rule 116)
Measurement Book

No. B

209570

From ..... To .....

Name & description of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
					Hanyamma Block main Road	
					73.50 m	
					Cross Road 1	
					73.50 m	
					Cross Road 2	
					Cross Road 3	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97